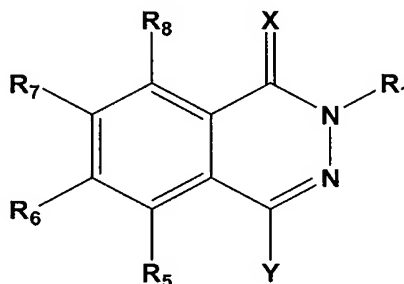


Amendments to the Claims

The listing of claims will replace all prior versions, and listings of claims in the application.

1-17. (Cancelled)

18. (Currently amended) A compound having the Formula III:



Formula III

or a pharmaceutically acceptable salt or prodrug thereof, wherein:

R₁ is ~~alkyl~~, haloalkyl, aminoalkyl, C₁₋₁₀ alkylaminoalkyl, di(C₁₋₁₀)alkylaminoalkyl, alkenyl, alkynyl, aralkyl, aralkenyl, aralkynyl, heteroaralkyl, carbocycloalkyl, heterocycloalkyl, hydroxyalkyl, cyanoalkyl, alkanoylamidoalkyl, alkanoyloxyalkyl, azidoalkyl, alkenyloxyalkyl, or alkoxyalkyl;

R₆ and R₇ taken together are -OCH₂O-, -OCH₂CH₂O-, -O-CF₂-O-, -CH₂CH₂CH₂-, -CH₂CH₂CH₂CH₂-, -OCH₂CH₂-, or -N(R₉)-CO-O-; wherein R₉ is optionally substituted lower alkyl;

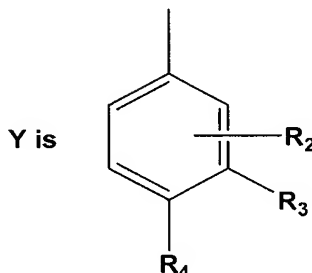
R₅ and R₈ are independently selected from the group consisting of hydrogen, halogen, haloalkyl, aryl, heterocyclic, heteroaryl, alkyl, alkenyl, alkynyl, aralkyl, aralkenyl, aralkynyl, hydroxyalkyl, nitro, amino, cyano, alkanoylamido, hydroxy, thiol, alkanoyloxy, alkoxy, carboxy, carbonylamido or thioalkoxy;

X is O or S; and

Y is optionally substituted aryl or optionally substituted heteroaryl.

19. (Cancelled)

20. (Previously presented) A compound according to claim 18, or a pharmaceutically acceptable salt thereof, wherein:



R₂ is H, alkyl, halo, amino, alkoxy, or nitro; and

R₃ and R₄ are taken together to form a five or six membered carbocyclic or heterocyclic ring.

21. (Previously presented) The compound according to claim 20, or a pharmaceutically acceptable salt thereof, wherein R₃ and R₄ taken together are -OCH₂O-, -OCH₂CH₂O-, -O-CF₂-O-, -CH₂CH₂CH₂-, -CH₂CH₂CH₂CH₂-, -O-CH₂-CH₂-, -N=CH-O-, -NH-CO-O-, -CH=CH-CH=CH-, or -O-CH=CH-.

22. (Previously presented) A compound according to claim 18, wherein said compound is selected from the group consisting of:

2-[2-(Dimethylamino)ethyl]-4-(3,4-methylenedioxyphenyl)-6,7-methylenedioxy-1(2H)-phthalazinone,

2-Ethyl-4-(3,4-methylenedioxyphenyl)-6,7-methylenedioxy-1(2H)-phthalazinone,

2-[2-(1-Imidazolyl)ethyl]-4-(3,4-methylenedioxyphenyl)-6,7-methylenedioxy-1(2H)-phthalazinone,

4-(3,4-Methylenedioxyphenyl)-6,7-methylenedioxy-1(2H)-phthalazinone,

2-[2-(1-Piperidiny)ethyl]-4-(3,4-methylenedioxyphenyl)-6,7-methylenedioxy-1(2H)-phthalazinone,

2[2-(1-Pyrrolidiny)ethyl]-4-(3,4-methylenedioxyphenyl)-6,7-methylenedioxy-1(2H)-phthalazinone, and

2-[2-(Ethoxycarbonyl)ethyl]-4-(3,4-methylenedioxyphenyl)-6,7-methylenedioxy-1(2H)-phthalazinone;
or a pharmaceutically acceptable salt thereof.

23. (Previously presented) A pharmaceutical composition comprising the compound of claim 18, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier.

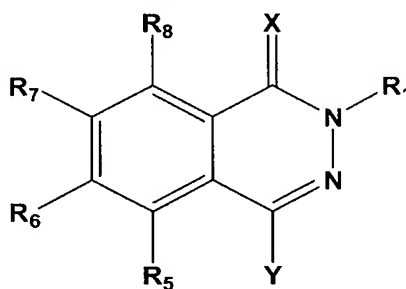
24-34. (Cancelled)

35. (Previously presented) The compound according to claim 18, or a pharmaceutically acceptable salt thereof, wherein R_6 and R_7 are taken together to form $-OCH_2O-$, $-OCH_2CH_2O-$ or $-O-CF_2-O-$.

36. (Previously presented) The compound according to claim 20, or a pharmaceutically acceptable salt thereof, wherein R_3 and R_4 are taken together to form $-OCH_2O-$, $-OCH_2CH_2O-$ or $-O-CF_2-O-$.

37. (Cancelled)

38. (New) A compound having the Formula III:



Formula III

or a pharmaceutically acceptable salt or prodrug thereof, wherein:

R_1 is alkyl, haloalkyl, aminoalkyl, C_{1-10} alkylaminoalkyl, $di(C_{1-10})$ alkylaminoalkyl, alkenyl, alkynyl, aralkyl, aralkenyl, aralkynyl, heteroaralkyl,

carbocycloalkyl, heterocycloalkyl, hydroxyalkyl, cyanoalkyl, alkanoylamidoalkyl, alkanoyloxyalkyl, azidoalkyl, alkenyloxyalkyl, or alkoxyalkyl;

R₆ and R₇ taken together are -OCH₂O-, -OCH₂CH₂O-, -O-CF₂-O-, -CH₂CH₂CH₂-, -CH₂CH₂CH₂CH₂-, -OCH₂CH₂-, or -N(R₉)-CO-O-; wherein R₉ is optionally substituted lower alkyl;

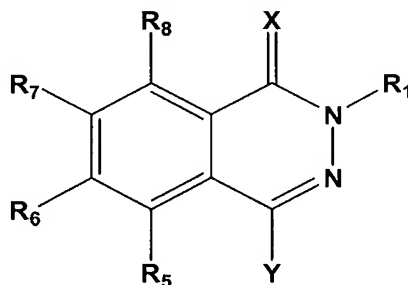
R₅ and R₈ are independently selected from the group consisting of hydrogen, halogen, haloalkyl, aryl, heterocyclic, heteroaryl, alkyl, alkenyl, alkynyl, aralkyl, aralkenyl, aralkynyl, hydroxyalkyl, nitro, amino, cyano, alkanoylamido, hydroxy, thiol, alkanoyloxy, alkoxy, carboxy, carbonylamido or thioalkoxy;

X is O or S;

Y is optionally substituted aryl or optionally substituted heteroaryl; and

provided that when X is O, Y is unsubstituted phenyl, and R₅ and R₈ are hydrogen, then R₁ is not alkyl.

39. (New) A compound having the Formula III:



Formula III

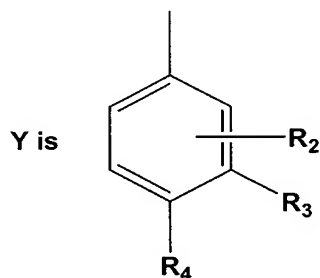
or a pharmaceutically acceptable salt or prodrug thereof, wherein:

R₁ is alkyl, haloalkyl, aminoalkyl, C₁₋₁₀ alkylaminoalkyl, di(C₁₋₁₀)alkylaminoalkyl, alkenyl, alkynyl, aralkyl, aralkenyl, aralkynyl, heteroaralkyl, carbocycloalkyl, heterocycloalkyl, hydroxyalkyl, cyanoalkyl, alkanoylamidoalkyl, alkanoyloxyalkyl, azidoalkyl, alkenyloxyalkyl, or alkoxyalkyl;

R₆ and R₇ taken together are -OCH₂O-, -OCH₂CH₂O-, -O-CF₂-O-, -CH₂CH₂CH₂-, -CH₂CH₂CH₂CH₂-, -OCH₂CH₂-, or -N(R₉)-CO-O-; wherein R₉ is optionally substituted lower alkyl;

R₅ and R₈ are independently selected from the group consisting of hydrogen, halogen, haloalkyl, aryl, heterocyclic, heteroaryl, alkyl, alkenyl, alkynyl, aralkyl, aralkenyl, aralkynyl, hydroxyalkyl, nitro, amino, cyano, alkanoylamido, hydroxy, thiol, alkanoyloxy, alkoxy, carboxy, carbonylamido or thioalkoxy;

X is O or S; and wherein:



R₂ is H, alkyl, halo, amino, alkoxy, or nitro; and

R₃ and R₄ are taken together to form a five or six membered carbocyclic or heterocyclic ring.

40-42. (Cancelled)